

[Remote Sensing Training for Land Applications](#)

Trainings focus on accessing, interpreting, and processing NASA Earth Observation data for a variety of terrestrial applications and natural resources management. Topics include land cover mapping, conducting change detection, processing vegetation indices, degradation, deforestation, desertification, fire monitoring, and fire management. Trainings aid participants in the areas of conservation, animal movement, phenology, carbon monitoring, wildfire monitoring, and near-shore land and ocean processes.

After Land Fundamentals, any Introductory and Advanced series can be taken dependent upon topic and interest.

1. [Fundamentals Session 2A: Satellites, Sensors, Data and Tools for Land Management and Wildfire Applications](#)
2. [Fundamentals Session 2C: Fundamentals of Aquatic Remote Sensing](#)

Introductory

[Remote Sensing of Forest Cover and Change Assessment for Carbon Monitoring](#)

[Remote Sensing for Conservation & Biodiversity](#)

[Introduction to Remote Sensing for Scenario-Based Ecoforecasting](#)

[Introduction to Remote Sensing for Coastal and Ocean Applications](#)

[Earth Observations for Indigenous-Led Land Management](#)

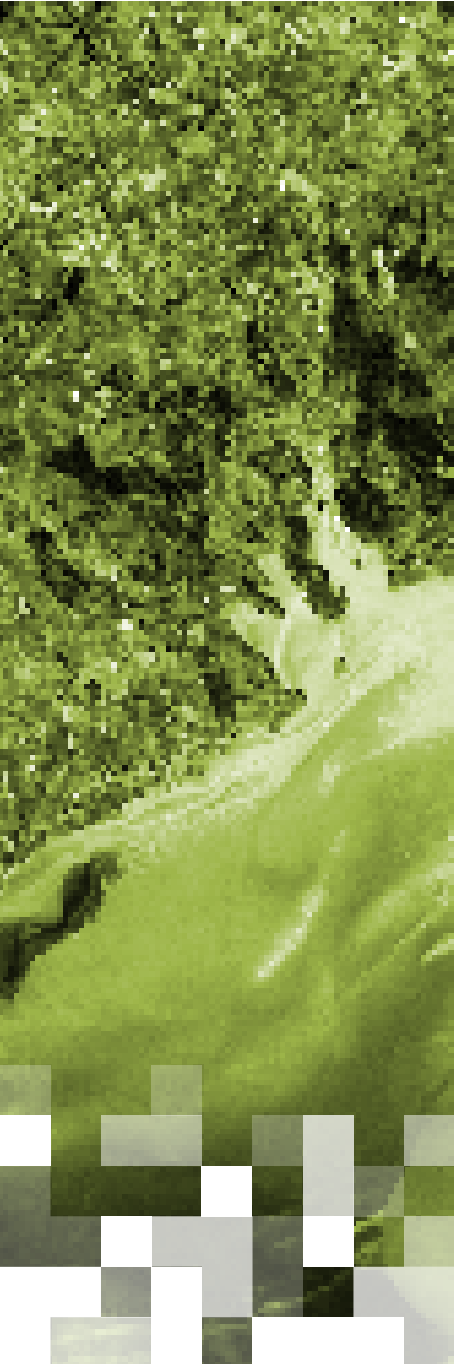
[Remote Sensing for Freshwater Habitats](#)

[Introduction to Synthetic Aperture Radar](#)

[Using the UN Biodiversity Lab to Support National Conservation and Sustainable Development Goals](#)

[New Sensor Highlight: ECOSTRESS](#)





[Remote Sensing Training for Land Applications](#)

[Satellite Remote Sensing for Agricultural Applications](#)

[Understanding Phenology with Remote Sensing](#)

[Remote Sensing of Coastal Ecosystems](#)

[Hyperspectral Data for Land and Coastal Systems](#)

Intermediate

[Satellite Observations and Tools for Fire Risk, Detection, and Analysis](#)

[Using Google Earth Engine for Land Monitoring Applications](#)

[Species Distribution Modeling with Remote Sensing](#)

Advanced

[Advanced Webinar: Land Cover Classification with Satellite Imagery](#)

[Advanced Webinar: Accuracy Assessment of a Land Cover Classification](#)

[Advanced Webinar: Change Detection for Land Cover Mapping](#)

[Advanced Webinar: Investigating Time Series of Satellite Imagery](#)

[Advanced Webinar: Remote Sensing for Monitoring Land Degradation and Sustainable Cities SDGs](#)

[Advanced Webinar: Techniques for Wildfire Detection and Monitoring](#)

[Advanced Webinar: SAR for Landcover Applications](#)

[Advanced Webinar: Forest Mapping and Monitoring with SAR Data](#)

[Advanced Webinar: Using Earth Observations for Pre- and Post-Fire Monitoring](#)

